



# Biography

Department of the Army



## Dr. Juanita M. Harris

Director,  
Weapons Development and Integration Directorate  
U.S. Army Aviation and Missile Research,  
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Redstone Arsenal, Alabama



Dr. Harris was selected for Senior Executive Service in February, 2015. She serves as the Director, Weapons Development and Integration (WDI) Directorate, U.S. Army Aviation and Missile Research, Development, and Engineering Center (AMRDEC) at Redstone Arsenal, Ala.. WDI conducts research, exploratory and advanced development, technology demonstrations, and provides engineering and scientific expertise in all aspects of weapon system design, development, improvement and integration for the Army. WDI is responsible for integration of these weapon systems onto both manned and unmanned platforms, serves as a life cycle management enterprise for Department of Defense missile technology and supplies key essential engineering support to our customers for these weapon systems.

### CAREER CHRONOLOGY:

- February 2015 – Present: Director, Weapons Development and Integration Directorate, U.S. Army Aviation and Missile Research, Development, and Engineering Center's Engineering Directorate, Redstone Arsenal, Ala.
- August 2012 – February 2015 - Deputy Director for the Aviation Development Directorate (ADD), U.S. Army Aviation and Missile Research, Development, and Engineering Center's Engineering Directorate, Redstone Arsenal, Ala.
- September 2008 - August 2012 –Technical Management Division Chief, Project Management Office for Unmanned Aircraft Systems (PM UAS), PEO Aviation, Huntsville, Ala.
- February 2007 – September 2008 – Director and Engineering Analysis Directorate, U.S. Army Space and Missile Defense Command (SMDC), Huntsville, Ala.
- January 2005 – February 2007 - Principal Systems/Integration Engineer, UAS Program Management Office supporting the Extended Range/Multi Purpose UAVSDI Inc., Huntsville, Ala.

- April 2004 – January 2005 - Principal Systems/Integration Engineer , Cruise Missile Defense System (CMDs) Program Management Office , CAS, Inc., Huntsville, Ala.
- June 1991 – April 2004 - Senior Lead Engineer – Comanche Systems/Software Engineering & Integration, General Dynamics Advanced Information Services (GD-AIS) (formerly Veridian), Huntsville, Ala.
- May 1988 – June 1991 - Senior Electronics Engineer, Boeing (formerly McDonnell Aircraft Company), St. Louis, MO
- Nov. 1986 – May 1988 – Software Engineer, Mystech Associates and Structured Technology, New London, Ct.
- May 1985 – May 1986 – Electronics Engineer, Boeing, Saint Louis, Mo.

#### **COLLEGE:**

- PhD, Management in Organizational Leadership, University of Phoenix, 2011
- MS, Computer Resources and Information Systems Management, Webster University, 1994
- BS, Computer Engineering, University of Illinois, 1985

#### **SIGNIFICANT TRAINING:**

- Defense Acquisition University Executive Leadership Program, 2013
- Leadership Huntsville/Madison County, Leadership 25, 2012
- Corporate Leadership Development, Veridan, Bolger Center, 2003

#### **CERTIFICATIONS:**

- Defense Acquisition Workforce Improvement Act (DAWIA) Level III, Systems Engineering Acquisition
- DAWIA Level I, Program Management

#### **AWARDS AND HONORS:**

- Alumni Leadership Award, Black Engineer of the Year Award (BEYA) STEM, May 2012
- Black Engineer of the Year Award (BEYA) STEM Science Spectrum Trailblazer, Dec 2011

#### **MAJOR PUBLICATIONS:**

- Harris, J. (2011). A Mentorship Study of Women in the Department of Defense Acquisition Sector, Doctoral Dissertation, Proquest Database, ISBN 9781124760711.
- Harris, J. (2009-2012). Eyes Beyond the Horizon, Technical Management Division Corner, Unmanned Aircraft Systems Project Office, Quarterly Magazine
- Harris, J. (1994). Comanche Software Management Indicators Tutorial, Rail Company.
- Madigan D., Harris J., Grover, and Grover (1997), RAH-66 Comanche Hardware and Software Processing Architecture, Army RD&A, May-June